AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph that spans pages 3-4 as follows:

In accordance with the present disclosure, SMPs with relatively high modulus in the fixed state at room temperature, having a tunable and sharp transition, the permanent shape of which can be remolded repeatedly above certain melting temperatures, are prepared by the blending or mixing of a crystalline polymer (C) with an amorphous polymer (A), such that they are a single miscible phase in the molten state (allowing processing to stress-free native states), but crystalline to a limited and tailored extent and which further vitrify on cooling to room temperature. Examples for (C) include, but are not limited to, poly(vinylidene fluoride) (PVDF) (T_g = -35 °C, T_m= 175 °C), polylactide (PLA) (T_g = 56 °C, T_m = 165 °C), and its copolymers such as poly(L-lactide), poly (D,L-lactide, poly(lactide-co-glycolide), poly(lactide-cocaprolactone), poly(lactide-co-1,5-dioxepan-2-one)~~poly(lactide-co-1,5 dioxepan-2-one)~~, poly(lactide-co-trimethylene carbonate), polyglycolide, poly(3-hydroxy butyrate) and its copolymers, polyanhydrides, ~~poly(vinylidene fluoride) (PVDF) (T_g = -35 °C, T_m = 175 °C),~~ poly(ethylene glycol) (PEG), polyethylene, polyethylene-co-vinyl acetate, poly(vinyl chloride) (PVC), and poly(vinylidene chloride) (PVDC) and copolymers of ~~poly vinylidene chloride~~ poly(vinylidene chloride) (PVDC)/~~poly vinyl chloride~~poly(vinyl chloride) (PVC). Examples for (A) include poly(vinyl acetate) (PVAc) (T_g = 35° C), ~~poly methyl acrylate~~ poly(methyl acrylate) (PMA), ~~poly ethyl acrylate~~ poly(ethyl acrylate) (PEA), atactic ~~poly methyl methacrylate~~ poly(methyl methacrylate) (aPMMA) , isotactic ~~poly methyl methacrylate~~ poly(methyl methacrylate) (iPMMA), syndiotactic ~~poly methyl methacrylate~~ poly(methyl methacrylate) (sPMMA), and other ~~poly alkyl methacrylates~~ poly(alkyl methacrylates).

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Please replace the last paragraph on page 7 as follows:

Poly(vinyl acetate) having ~~a M_w~~ M_w = 500,000 g/mol was purchased from Aldrich and vacuum-treated at room temperature for 2 days to eliminate volatiles, including moisture. The poly(lactide) having ~~a~~ M_w = 130,000~~130,00~~ g/mol was provided by Prof. S. Huang of the University of Connecticut and was dried at T = 60 °C overnight before use. The material was found to comprise 92% L-isomer and 8% D-isomer. Poly(vinylidene fluoride) having a M_w = 180,000 g/mol was also purchased from Aldrich and vacuum-treated at room temperature for 2 days to eliminate volatiles, including moisture.